Appl. No. 10/709,320 Amdt. Dated 11/03/2005 Reply to Office action of August 3, 2005

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

- 1. (currently amended) An interlevel dielectric layer comprising:
  - a dielectric layer; and
- a dielectric film, deposited under compressive stress, disposed atop the dielectric layer; wherein the dielectric film has similar chemical composition to the dielectric layer, but has different morphology than the dielectric layer.
- 2. (original) The interlevel dielectric layer, according to claim 1, wherein the dielectric layer comprises a low-k material.
- 3. (original) The interlevel dielectric layer, according to claim 1, wherein the dielectric layer comprises an organosilicon glass.
- 4. (original) The interlevel dielectric layer, according to claim 1, wherein the dielectric layer comprises a SiCOH material.
- 5. (original) The interlevel dielectric layer, according to claim 1, wherein: the dielectric layer has a thickness of 500 20,000 Å; and the dielectric film has a thickness of 200 2000 Å.
- 6. (original) The interlevel dielectric layer, according to claim 1, wherein: the dielectric layer has a thickness of 1000 - 15,000 Å; and the dielectric film has a thickness of 350 - 1000 Å.
- 7. (original) The interlevel dielectric layer, according to claim 1, wherein the dielectric film has

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a thickness which is 2% - 10% of the thickness of the dielectric layer.

- 8. (original) The interlevel dielectric layer, according to claim 1, wherein the dielectric film has a thickness which is approximately 3% of the thickness of the dielectric layer.
- 9. (canceled) The interlevel dielectric layer, according to claim 1, wherein the dielectric film has similar-chemical composition to the dielectric layer, but has different morphology than the dielectric layer.
- 10. (original) The interlevel dielectric layer, according to claim 1, wherein a dielectric cap is deposited on the dielectric film.

## Cancel claims 11-19

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- 20. (new) The interlevel dielectric layer, according to claim 1, wherein the dielectric film is denser than the dielectric layer.
- 21. (new) An interlevel dielectric layer comprising:
  - a dielectric layer; and
  - a dielectric film disposed atop the dielectric layer;

wherein:

the dielectric layer has a thickness in the range of from greater than 12000 Å to 20000 Å; and

the dielectric film has a thickness in the range of from greater than 1000 Å up to 2000 Å.

- 22. (new) The interlevel dielectric layer, according to claim 21, wherein the dielectric layer comprises a low-k material.
- 23. (new) The interlevel dielectric layer, according to claim 21, wherein the dielectric layer

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Appl. No. 10/709,320 Amdt. Dated 11/03/2005 Reply to Office action of August 3, 2005 comprises an organosilicon glass.

- 24. (new) The interlevel dielectric layer, according to claim 21, wherein the dielectric layer comprises a SiCOH material.
- 25. (new) The interlevel dielectric layer, according to claim 21, wherein the dielectric film has similar chemical composition to the dielectric layer, but has different morphology than the dielectric layer.
- 26. (new) The interlevel dielectric layer, according to claim 21, wherein a dielectric cap is deposited on the dielectric film.
- 27. (new) The interlevel dielectric layer, according to claim 1, wherein the dielectric film is denser than the dielectric layer.